

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. END920030022US1

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C.	111(a) and 37 C.F.R. 1.53(b) is a ne	w utility patent application for an
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If a C	CONT	INUA	OITA	I AP	PLICATION,	chec	ck appropriate b	ox and supply	the requisite information:	
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U (Cont	inuat	ion		Divisional		Continuation	-in-part (CIP)	of prior application No.:	
Enclo	sed	are:								
							Applicatio	n Elements		
1.	\boxtimes	Filin	g fee	as c	alculated and	l tran	ismitted as desc	cribed below		
2.	X	Spe	cifica	tion I	naving		10	_ pages and ir	acluding the following:	
	a.	\boxtimes	Desc	cripti	ve Title of the	Inve	ention			
	b.	b. 🗵 Cross References to Related Applications (if applicable)								
	C.									
	d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix									
	e. 🗵 Background of the Invention									
	f. 🗵 Brief Summary of the Invention									
	g.	\boxtimes	Brief Description of the Drawings (if filed)							
		\boxtimes	Detailed Description							
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Application Elements (Continued)

3.		Drawing(s) (when necessary as prescribed by 35 USC 113)					
	a.	☑ Formal Number of Sheets 2					
	b.	☐ Informal Number of Sheets					
4.	\boxtimes	Oath or Declaration					
	a.	☑ Newly executed (original or copy) ☐ Unexecuted					
	b.	□ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)					
	c.	☑ With Power of Attorney ☐ Without Power of Attorney					
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).					
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereb incorporated by reference therein.					
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)					
7.	\boxtimes	Application Data Sheet (See 37 CFR 1.76)					
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)					
	a.	☐ Computer Readable Form (CRF)					
	b.	☐ Specification Sequence Listing on:					
		i. D CD-ROM or CD-R (2 copies); or					
		ii. 🔲 Paper					
	C.	Statement(s) Verifying Identical Paper and Computer Readable Copy					
		Accompanying Application Parts					
9.	\boxtimes	Assignment Papers (cover sheet & document(s))					
10.		37 CFR 3.73(B) Statement (when there is an assignee)					
11.		English Translation Document (if applicable)					
12.	\boxtimes	Information Disclosure Statement/PTO-1449 🗵 Copies of IDS Citations (non-US)					
13.		Preliminary Amendment					
14.	\boxtimes	Return Receipt Postcard (MPEP 503) (Should be specifically itemized) (2)					
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)					
16.	\boxtimes	Certificate of Mailing					
		☐ First Class ☒ Express Mail (Specify Label No.): EV 342658919US					

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Docket No. END920030022US1

Total Pages in this Submission

Accompanying Application Parts (Continued)

7.	Additional Enclosures (please identify below):						
	·						
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)						
3.	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.						
	Warning						
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.						

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Total Pages in this Submission
4

Fee Calculation and Transmittal

		CLAIMS	AS FILED			
For	#Filed	#Allowed	#Extra		Rate	Fee
Total Claims	16	- 20 =	0	x	\$18.00	\$0.00
ndep. Claims	2	- 3 =	0	x	\$86.00	\$0.00
/lultiple Dependent	Claims (check	if applicable)				\$0.00
					BASIC FEE	\$770.00
OTHER FEE (spec	ify purpose)					\$0.00
					TOTAL FILING FEE	\$770.00
☑ Credit a☑ Charge☐ Charge	the amount of ny overpaymen any additional fi the issue fee se t to 37 C.F.R. 1	t. ling fees required et in 37 C.F.R. 1.1	18 at the mailing	ng of the	and 1.17. Notice of Allowance, Win A Signature Steinberg, Reg. No. 28,549 paration / IP Law Dept. IQ0	
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Page 4 of 4

cc: RECORDS

Fax No.: (607) 429-5282

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CERTIFICATE OF MA Applicant(s): Thiel	AILING BY "EXPRE	SS MAIL" (37 CFR 1.10)	DOCKET NO. END920030022US1 (IEN-10-5752)				
Serial No. Filing Date Examiner Group Art Unit To be assigned Filed Herewith							
Invention: METHOD AND STRUCTURE FOR SELF HEALING CRACKS IN UNDERFILL MATERIAL BETWEEN AN I/C CHIP AND A SUBSTRATE BONDED TOGETHER WITH SOLDER BALLS							
I hereby certify that the	following documents						
New Utility	Patent Application Tra	ansmittal					
Application	Data Sheet						
1	cation comprising 5 p Abstract and 2 sheet	ages of specification, 4 page of drawings	es of claims,				
Declaration	and Power of Attorney	y for Patent Application					
Assignment	and Recordation Cove	er Sheet	-				
IDS Submis	IDS Submission Statement with 1449 Form and copies of the citations (non-US)						
Two (2) Acknowledgement post cards							
are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on							
Denise M. Jurik (Typed or Printed Name of Person Mailing Correspondence)							
(Signature of Person Mailing, Correspondence)							
EV 342658919 US ("Express Mail" Mailing Label Number)							